

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)
2. (Currently Amended) An inkjet recording medium, obtained by coating an additive on the surface of a substrate or introducing the additive to the interior of the substrate coating and/or introducing an additive on the surface or interior of a sheet substrate, wherein the additive comprises a cationic resin as a principle principal component, which resin is obtained by the reaction of at least a secondary amine, an ammonia, an epihalohydrin and a cross-linking agent, said resin having a cross-linked structure.
3. (Currently Amended) An inkjet recording medium, wherein the a recording medium is formed by providing an ink absorption layer on a sheet-like substrate surface, said surface having which has poor ink absorption properties, and the an additive according to Claim 2 is contained in said ink absorption layer, wherein the additive comprises a cationic resin as a principle principal component, which resin is obtained by the reaction of at least a secondary amine, an ammonia, an epihalohydrin and a cross-linking agent, said resin having a cross-linked structure.
4. (Currently Amended) The inkjet recording medium as defined in Claim 2, wherein the sheet substrate is ordinary paper, or a coated paper comprising a recording layer suitable for recording by a water-based ink on the substrate surface.
5. (Currently Amended) The inkjet recording medium as defined in Claim 4, wherein the ordinary paper or coated paper is impregnated by a solution containing the additive having the cationic resin as a principle principal component.
6. (Currently Amended) The inkjet recording medium as defined in Claim 4, wherein the ordinary paper or coated paper substrate is manufactured from a pulp slurry containing the additive having the cationic resin as a principle principal component.

7. (Cancelled)

8. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the weight average molecular weight of the cationic resin obtained is 10,000-500,000.

9. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the ratio of secondary amine: ammonia: epihalohydrin: crosslinking agent to prepare the cationic resin is 1: (0.01-2) : (0.5-2.5) : (0.00005-0.5).

10. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the crosslinking agent comprises at least one compound with two or more aldehyde groups, epoxy groups or isocyanate groups.

11. (Previously Presented) An ink jet recording medium as defined in Claim 10, wherein the crosslinking agent comprises at least one multifunctional epoxy compound.

12. (Previously Presented) An inkjet recording medium as defined in Claim 2, wherein the secondary amine is a dialkylamine, a dimethylamine, a diethylamine, or an ethyl monomethylamine.

13. (Previously Presented) An inkjet recording medium as defined in Claim 2, wherein the epihalohydrin is epichorohydrin, epiiodohydrin, or epibromohydrin.

14. (Previously Presented) An inkjet recording medium as defined in Claim 2, wherein the crosslinking agent comprises polyethylene glycol diglycidyl ether, polypropylene glycol diglycidyl ether, polytetramethylene glycol diglycidyl ether, polybutadiene diglycidyl ether, resorcinol diglycidyl ether, neopentylglycol diglycidyl ether, 1, 6-hexanediol diglycidyl ether, bisphenol A diglycidyl ether, bisphenol F diglycidyl ether, bisphenol A polyethylene glycol diglycidyl ether, bisphenol A polypropyleneglycol diglycidyl ether, hydrated bisphenol A diglycidyl ether, hydroquinone diglycidyl ether, terephthalic acid diglycidyl ether, sorbitol polyglycidyl ether,

polyglycerol polyglycidyl ether, pentaerythritolpolyglycidyl ether, diglycerylpolyglycidyl ether, glycerolpolyglycidyl ether, or trimethylolpropane polyglycidyl ether.

15. (Cancelled)

16. (New) An inkjet recording medium according to claim 2, wherein the substrate is a sheet substrate.

17. (New) The inkjet recording medium as defined in Claim 2, wherein the substrate is paper.

18. (New) The inkjet recording medium as defined in Claim 17, wherein the paper is impregnated by a solution containing the additive having the cationic resin as a principal component.

19. (New) The inkjet recording medium as defined in Claim 17, wherein the paper is manufactured from a pulp slurry containing the additive having the cationic resin as a principal component.

20. (New) An ink jet recording medium as defined in Claim 2, wherein the ratio of secondary amine: ammonia: epihalohydrin: crosslinking agent to prepare the cationic resin is 1: (0.02-1) : (0.8-2.2) : (0.0001-0.01).

21. (New) An inkjet recording medium according to claim 2, wherein the resin is obtained by mixing a secondary amine and an ammonia together, followed by the addition of an epihalohydrin and a cross-linking agent.

22. (New) An inkjet recording medium according to claim 2, wherein the additive consists essentially of a cationic resin.

23. (New) An inkjet recording medium according to claim 2, wherein the additive

consists of a cationic resin.

24. (New) An ink jet recording medium as defined in Claim 3, wherein the ratio of secondary amine: ammonia: epihalohydrin: crosslinking agent to prepare the cationic resin is 1: (0.02-1) : (0.8-2.2) : (0.0001-0.01).

25. (New) An inkjet recording medium according to Claim 3, wherein the resin is obtained by mixing a secondary amine and an ammonia together, followed by the addition of an epihalohydrin and a cross-linking agent.

26. (New) An inkjet recording medium according to Claim 3, wherein the additive consists essentially of a cationic resin.

27. (New) An inkjet recording medium according to Claim 3, wherein the additive consists of a cationic resin.